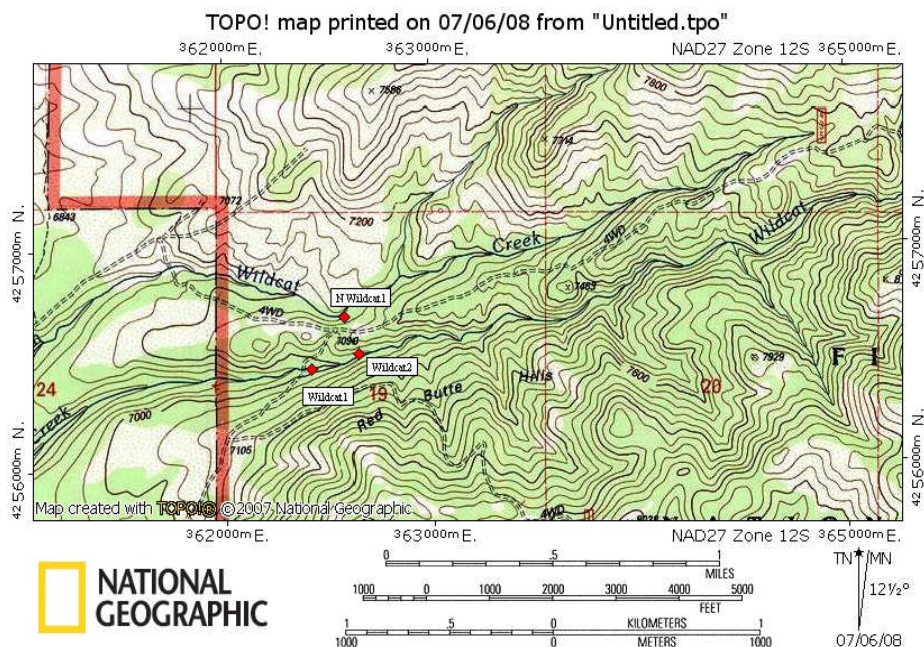


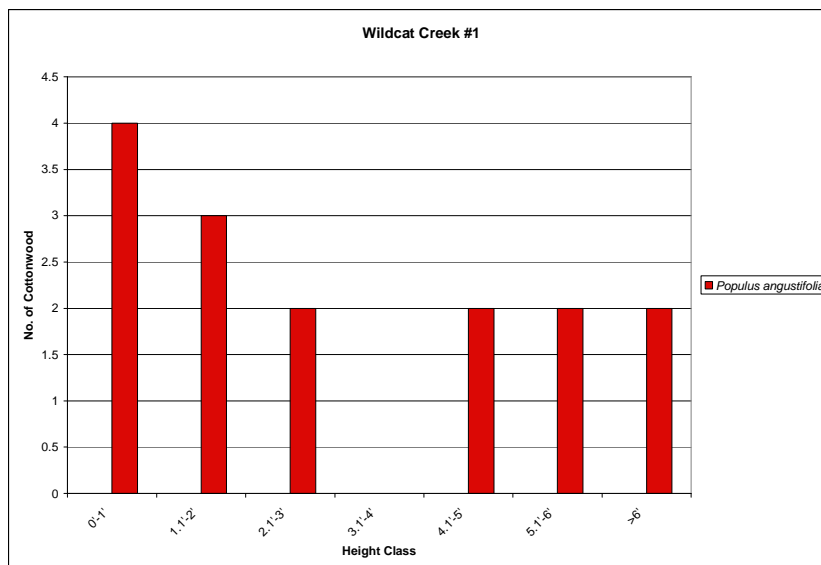
## WILDCAT CREEK #1 – May 9, 2008

Wildcat Creek #1 is located in a confined narrowleaf cottonwood/Gambel's oak/bigleaf maple reach with steep (40 degree) slopes. The transect crosses Wildcat Creek at a bend at 69' (Fig. 1) and the average riparian width is only 10'. Most (83%) of the tallest leaders of the 13 cottonwoods <6' were browsed by May 9. One cottonwood >6' has a 1" DBH and is growing out of the base of a 7" diameter cottonwood stump (Fig. 2); the other cottonwood >6' is a double-trunk tree of 13" and 14.5" DBH.



<b>WILDCAT CREEK #1 (WC1)</b>	May 9, 2008 Hoskisson/O'Brien
Fishlake NF/Beaver RD	<b>Allotment:</b> Pine Creek/Sulphurbeds <b>Pasture:</b> Wildcat
<b>Stake:</b> 12N 0362474 N 4256486 E NAD CONUS 27 Downstream, west end	<b>Elevation:</b> 7,027'
<b>Aspect:</b> NE and SW	<b>Animal sign:</b>
<b>Ave. Width Riparian Area:</b> 10'	
<b>Dominant vegetation:</b> Narrowleaf cottonwood, Rocky Mtn juniper, Gambel's oak, bigtooth maple, woolly mullein, <i>Ranunculus</i> sp., <i>Hydrophyllum capitatum</i> . Almost no grass, some Kentucky bluegrass and fowl mannagrass(?-sample)	
<b>Other notes:</b> This transect is in Reach #A24-2 in the 2003 Level II Riparian Inventory (Petty	

2003); Petty rated the forage trend as “down”. The draft Beaver R. Watershed Management Plan (Beaver County 1999) notes: “Flow from Indian Creek and Wildcat Creek average 6.5 cfs.”



Wildcat Creek #1			
13 <i>Populus angustifolia</i> <6'			
2 <i>P. angustifolia</i> >6'			
% tall leaders browsed	% tall leaders browsed or dead	% subleaders browsed	% subleaders browsed or dead
<i>Populus angustifolia</i>	<i>Populus angustifolia</i>	<i>Populus angustifolia</i>	<i>Populus angustifolia</i>
16.7	83.3	31.3	47.9

**Ave. Cottonwood DBH >6'**

9.6" (N= 2)



Fig. 1 Transect crossing Wildcat Creek at 69' of the 100' transect



Fig. 2 Cottonwood sprout (1" DBH) growing out of cottonwood stump (7" diameter)

**References**

Beaver County. 1999 [Brcrmp7 5/12/98, 7/20/99 gj]. Draft *Beaver River Watershed Coordinated Resource Management Plan*.

Petty, Jeff. 2003. Little North Creek Area Level II Riparian Inventory. Shell Valley Consulting: Shell, WY.